

ABSTRACT OF THE DISCLOSURE

In order to damp the vibrations in a hydraulic branch of a power distribution transmission, the hydraulic pump (1) and the hydraulic motor (3) which are interconnected are non-rotatably but elastically maintained in the transmission housing in the area of their connecting point by damping elements (5). The input shaft (11) of the hydraulic pump (1) and the output shaft (18) of the hydraulic motor (3) are connected with shafts (12, 17) which on their engagements have crowned teeth or spiral gearings and are floatingly mounted. It is hereby obtained that the hydraulic branch is easy to mount, can freely move and the vibrations it produces are not transmitted to the transmission housing (7) or to the toothed wheels (13, 16) of the mechanical distribution branch.

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